



SEQUENCE LISTING

#5

<110>

Heil, James R
Jayasena, Sumedha D

<120> Aptamer Based Two-Site Binding Assay

<130> NEX 89

<140> 09/681,508

<141> 2001-04-18

<150> 60/198,016

<151> 2000-04-18

<160> 13

<170> PatentIn Ver. 2.0

<210> 1

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 1

tagccaaggt aaccagtaca aggtgctaaa cgtaatggct tcggcttac

49

<210> 2

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 2

gtagtcactg gttggtgagg ttgggtgact ac

32

<210> 3

<211> 37

<212> DNA

<213> Artificial Sequence

09681508.03601

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 3

gcttagtccg tggtagggca ggttggggtg actaagc

37

<210> 4

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (32)

<223> C at position 32 is derivatized with a fluorescein
at the 3' carbon.

<400> 4

gtagtcactg gttggtgagg ttgggtgact ac

32

<210> 5

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (38)

<223> T at position 38 is derivatized with a fluorescein
at the 3' carbon.

<400> 5

gtagtcactg gttggtgagg ttgggtgact actttttt

38

<210> 6

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (1)

<223> G at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 6

gtagtcactg gttggtgagg ttgggtgact ac

32

<210> 7

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (1)

<223> T at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 7

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38

<210> 8

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>

<221> modified_base

<222> (35)..(36)

<223> The residues at positions 35 and 36 are connected
by a glycol phosphoramidite linker derivatized
with a fluoresceinated thymidine.

<400> 8
gtagtcactg gttggtgagg ttgggtgact acttttttca tcagtgggtt ggagtgggtg 60
gtcactgatg 70

<210> 9
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
<221> modified_base
<222> (37)
<223> C at position 37 is derivatized with a fluorescein
at the 3' carbon.

<400> 9
gcttagtccg tggtagggca gggtggggtg actaagc 37

<210> 10
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
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Nucleic Acid Ligand

<220>
<221> modified_base
<222> (43)
<223> T at position 43 is derivatized with a fluorescein
at the 3' carbon.

<400> 10
gcttagtccg tggtagggca gggtggggtg actaagcttt ttt 43

<210> 11
<211> 37
<212> DNA
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<220>
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Nucleic Acid Ligand

09681508-072601

<220>
<221> modified_base
<222> (1)
<223> G at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 11
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37

<210> 12
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
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Nucleic Acid Ligand

<220>
<221> modified_base
<222> (1)
<223> T at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 12
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42

<210> 13
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
<221> modified_base
<222> (37)..(38)
<223> The residues at positions 37 and 38 are connected
by a glycol phosphoramidite linker derivatized
with a fluoresceinated thymidine.

<400> 13
gcttagtccg tggtagggca ggttggggtg actaagccga atcagtgggg ttggacggga 60
tggtgcctga ttcg 74